

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	09/039020	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 11:13
S1	0	10/642912	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 11:13
L3	80	("4958273"   "5051887"   "5155845"   "5212784"   "5241668"   "5241669"   "5241670").PN. OR ("5504861"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L4	64	("3544777"   "3668644"   "4199810"   "4432057"   "4467421"   "4476526"   "4503534"   "4584681"   "4600990"   "4602368"   "4603406"   "4608687"   "4608688"   "4616312"   "4617475"   "4636946"   "4638424"   "4654819"   "4686620"   "4688219"   "4710870"   "4747038"   "4750106"   "4751639"   "4755928"   "4768193"   "4771375"   "4805095"   "4814971"   "4819154"   "4916605"   "4959774"   "5060185"   "5089958").PN. OR ("5210865").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L11	23	("5167032"   "5379418"   "5435004"   "5634033"   "5809224"   "5819020"   "5875479"   "5987575"   "6035412"   "6081875"   "6101497"   "6216211"   "6269453"   "6487644").PN. OR ("6631477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34

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L15	69	("5086502"   "5241672"   "5263152"   "5513314"   "5537533"   "5555371"   "5564011"   "5592611"   "5594900"   "5596706"   "5600784"   "5604862"   "5608865"   "5611049"   "5615364"   "5633999"   "5634052").PN. OR ("5819020"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L16	78	("4403288"   "4899342"   "4914656"   "5175849"   "5210866"   "5212784"   "5239646"   "5258984"   "5276860"   "5297258"   "5313612"   "5321826"   "5345565"   "5402428").PN. OR ("5487160").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L17	33	("5241668"   "5241669"   "5241670"   "5263154"   "5379412"   "5448718"   "5487160"   "5535381"   "5604862"   "5852715").PN. OR ("6081875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L18	88	("4432057"   "4459658"   "4654819"   "4665520"   "4686620"   "4819156"   "4819159"   "4868744"   "5043866"   "5043871"   "5072368").PN. OR ("5435004"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L19	37	("5129088"   "5212784"   "5276867"   "5403639"   "5435004"   "5515502"   "5519844"   "5761526"   "5819310"   "5845295").PN. OR ("6216211").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L20	27	("5574851"   "5790775"   "5809224"   "5822782"   "5864653").PN. OR ("6058489"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34

## EAST Search History

L21	178	("4276595"   "4454595"   "4612613"   "4773004"   "4775978"   "4805090"   "4811279"   "4817035"   "4825403"   "4843544"   "4849929"   "4908789"   "4914656"   "4931923"   "5479653"   "5574851"   "5598549"   "5604900"   "5615352").PN. OR ("5101492"   "5809224").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L22	23	("5167032"   "5379418"   "5435004"   "5634033"   "5809224"   "5819020"   "5875479"   "5987575"   "6035412"   "6081875"   "6101497"   "6216211"   "6269453"   "6487644").PN. OR ("6631477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L23	131	("3771137"   "4638424"   "4771375"   "4823333"   "4974156"   "5101492"   "5212772"   "5260990"   "5269011"   "5321826"   "5367698"   "5381539"   "5392244"   "5435004"   "5459857"   "5479654"   "5493607"   "5497483"   "5506986"   "5522031"   "5535381"   "5537585"   "5544347"   "5555371"   "5564037"   "5574950"   "5581724"   "5592432"   "5633999"   "5680640"   "5689732"   "5706467"   "5734813"   "5742792"   "5764972"   "5835954"   "5909483"   "5974563"   "6108748"   "6405294").PN. OR ("5680640"   "6108748"   "6356977"   "6598134").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L24	84	("5166936"   "5210860"   "5297258"   "5303244"   "5315602"   "5331646"   "5390187"   "5418925"   "5440716").PN. OR ("5574851"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L25	27	("4638424"   "5276867"   "5564037"   "5680640"   "5832274"   "5835954").PN. OR ("6145066").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34

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L26	26	("5297258"   "5418925"   "5440716"   "5515499"   "5574851"   "5893160"   "6032217").PN. OR ("6209059").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 13:34
L2	63	(US-6108748-\$ or US-5634033-\$ or US-5615352-\$ or US-5167032-\$ or US-5960216-\$ or US-6098119-\$ or US-6081875-\$ or US-6101507-\$ or US-5875479-\$ or US-6032217-\$ or US-5737509-\$ or US-6269453-\$ or US-5953742-\$ or US-5958067-\$ or US-6487644-\$ or US-5649089-\$ or US-5933653-\$ or US-6092066-\$ or US-5515499-\$ or US-4815028-\$ or US-5987575-\$ or US-6148412-\$ or US-5857208-\$ or US-5381544-\$ or US-5574851-\$ or US-5379418-\$).did. or (US-6035412-\$ or US-5742792-\$ or US-6460123-\$ or US-5675767-\$ or US-4686620-\$ or US-6061769-\$ or US-5809224-\$ or US-6216211-\$ or US-5504861-\$ or US-5522031-\$ or US-5889935-\$ or US-5787485-\$ or US-5479653-\$ or US-6029254-\$ or US-5347653-\$ or US-6044444-\$ or US-6049874-\$ or US-6076148-\$ or US-6023584-\$ or US-5435004-\$ or US-5210865-\$ or US-5819020-\$ or US-5553230-\$ or US-6088816-\$ or US-5682499-\$ or US-5764903-\$ or US-5901327-\$).did. or (US-4166211-\$ or US-5544347-\$ or US-5596706-\$ or US-6023707-\$ or US-6549921-\$).did. or (US-6477627-\$ or US-5974563-\$ or US-6173377-\$ or US-6016553-\$ or US-6052797-\$ or WO-200221275-\$).did.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/09/18 13:34
L12	10	((("5089958") or ("5263154") or ("5325519") or ("5487160") or ("5638509") or ("5974425") or ("6016553") or ("6141773") or ("6185577") or ("6286113")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/09/18 13:34
L13	8	((("5101492") or ("5148432") or ("5568629") or ("5615335") or ("5854942") or ("5857112") or ("6425049") or ("6557123")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/09/18 13:34

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L14	13	((("20020118582") or ("20030188097") or ("5257362") or ("5271012") or ("5502836") or ("5615352") or ("5754756") or ("6021509") or ("6058489") or ("6223300") or ("6507890") or ("6651154") or ("5745284"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/09/18 13:34
L5	976	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
L6	658	(714/7).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
L7	315	(714/20).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
L8	540	(711/161).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
L9	1635	(711/162).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
L10	141	(714/9).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34
S83	70	((S59 S60) not (S56 S66 S61 S62 S63 S64 S65 S81 S82 S78 S79 S80 S71 S72 S73 S74 S75 S76 S77 S67 S68 S69 S70)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:34

## EAST Search History

L27	5	((L3 L4 L2 L10 L5 L6 L7 L8 L9 L25 L26 L22 L23 L24 L15 L16 L17 L18 L19 L20 L21 L11 L12 L13 L14)) and (@ad<="19980313" @pd<="19980313" @rlad<="19980313" @prad<="19980313") and @pd>"20060516"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:49
L28	2	("5742792").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 13:50
L29	2	("5544347").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 14:18

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	1	(business and continuance and disrupt\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 14:18